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(54) **TOUCH SYSTEM WITH TRACK
DETECTING FUNCTION AND METHOD
THEREOF**

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See application file for complete search history.

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(57) **ABSTRACT**

A touch system with track detecting function includes a touch pad for sequentially sensing a plurality of positions of an indication object at a plurality of moments in order to detect a track of the indication object on the touch pad, and a processor for continuously generating motion vectors according to the track of the indication object on the touch pad, for generating a candidate motion vector according to at least one motion vector, and for nonlinearly generating a target motion vector according to the candidate motion vector in order to move a target shown on a display panel. Each of the motion vectors represents a difference between a position of the indication object and a next position of the indication object.

6 Claims, 4 Drawing Sheets

